

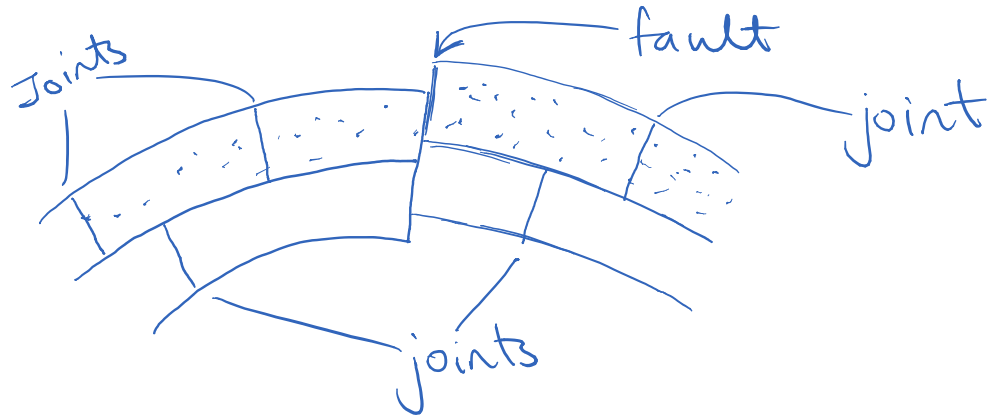
Faults

May 31, 2016 9:43 AM

Faults

faults → a fracture in rocks where motion has occurred.

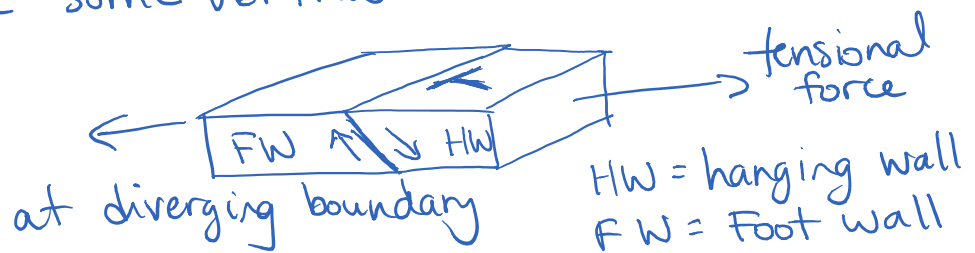
joints → a fracture in rocks where no motion has occurred



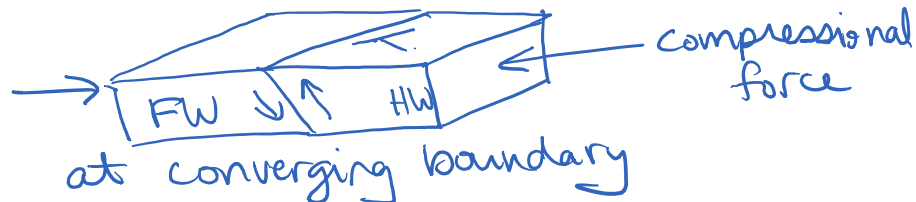
Types of faults

Dip-Slip: have some vertical motion

normal

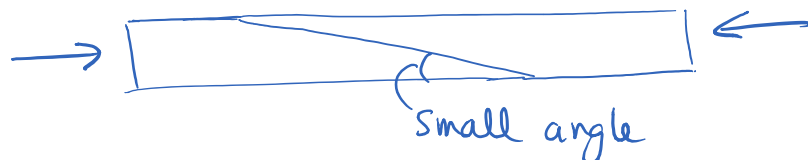


reverse



thrust - low angle reverse faults

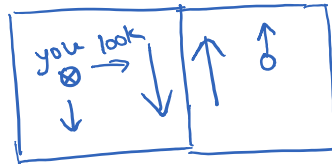
Cross-
Section
view



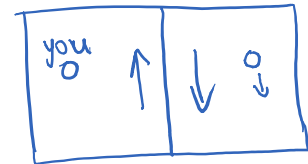
Strike-Slip - no vertical motion

oceanic spreading ridge

aerial
view
(map view)



"left lateral"



"right lateral"

caused by shear forces ie San Andreas Fault

"transform fault" - a strike-slip fault
between 2 offset segments
of an oceanic spreading ridge.

aerial
view

